



## UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

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The PDDC receives samples of many plant and soil samples from around the state. The following diseases/disorders have been identified at the PDDC from September 5, 2015 through September 25, 2015.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>DECIDUOUS WOODY ORNAMENTALS</b>			
American Hornbeam	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Dane
Boston Ivy	Guignardia Leaf Spot	<i>Guignardia bidwellii</i>	Walworth
Honeylocust	Charcoal Rot	<i>Macrophomina phaseolina</i>	Trempealeau
	Root Rot	<i>Pythium</i> sp.	Trempealeau
Hydrangea	Bacterial Leaf Spot	Unidentified bacterium	Dane
Lilac (Japanese Tree)	<i>Verticillium</i> Wilt	<i>Verticillium</i> sp.	Ozaukee
Lilac (Unspecified)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Milwaukee
Maple (Japanese)	Diplodia Canker	<i>Diplodia</i> sp.	Dane
Maple (Norway)	Tar Spot	<i>Rhytisma acerinum</i>	Rock
Maple (Red)	Chlorosis	None	La Crosse
Maple (Silver)	Root Rot	<i>Pythium</i> sp.	Trempealeau
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Sauk
Maple (Sugar)	Anthracnose	<i>Discula</i> sp.	Walworth
	Root Rot	<i>Pythium</i> sp.	Trempealeau
Oak (Bur)	Anthracnose	<i>Discula</i> sp.	Green
	Oak Wilt	<i>Ceratocystis fagacearum</i>	Dane
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Green
Oak (Red)	Anthracnose	<i>Discula</i> sp.	Waukesha
	Oak Wilt	<i>Ceratocystis fagacearum</i>	Marathon
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Dane
Oak (Swamp White)	Phomopsis Canker	<i>Phomopsis</i> sp.	Calumet
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Calumet
Oak (White)	Anthracnose	<i>Discula</i> sp.	Dane, Trempealeau
	Root Rot	<i>Pythium</i> sp.	Trempealeau
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Dane
Oak (Unspecified)	Anthracnose	<i>Discula</i> sp.	Waukesha
	Oak Wilt	<i>Ceratocystis fagacearum</i>	Chippewa, Dane
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Washburn

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<b>DECIDUOUS WOODY ORNAMENTALS (Continued)</b>			
Redbud	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Rose	Cercospora Leaf Spot	<i>Cercospora</i> sp.	Ozaukee
Serviceberry	Marssonina Leaf Spot	<i>Marssonina</i> sp.	Dane
Smokebush	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Dane
Walnut	Marssonina Leaf Spot	<i>Marssonina</i> sp.	Dane
<b>FIELD CROPS</b>			
Corn	Common Rust	<i>Puccinia sorghi</i>	Dane
	Eyespot	<i>Kabatiella zeae</i>	Kewaunee
	Gray Leaf Spot	<i>Cercospora</i> sp.	Kewaunee
	Northern Corn Leaf Blight	<i>Exserohilum turcicum</i>	Juneau, Rock, Washington
	Northern Corn Leaf Spot	<i>Bipolaris zeicola</i>	Kewaunee
Soybean	Anthracnose	<i>Colletotrichum</i> sp.	Jefferson
	<a href="#">Brown Spot</a>	<i>Septoria glycines</i>	Columbia
	<a href="#">Charcoal Rot</a>	<i>Macrophomina phaseolina</i>	Green
	Fusarium Root Rot	<i>Fusarium</i> sp.	Green, Outagamie
	Pod and Stem Blight	<i>Diaporthe phaseolorum</i>	Brown, Fond du Lac, Jefferson, Lafayette, Walworth
	Potassium Deficiency	None	Columbia
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Walworth
Stem Canker	<i>Diaporthe phaseolorum</i>	Fond du Lac, Green, Lafayette	
<b>FRUIT CROPS</b>			
Apple	<a href="#">Apple Scab</a>	<i>Venturia inaequalis</i>	Fond du Lac
	<a href="#">Bitter Pit/Cork Spot</a>	None	Crawford
	Flyspeck/Sooty Blotch	Flyspeck/Sooty blotch fungal complex	Crawford
	Milk-White Toothed Polypore	<i>Irpex lacteus</i>	Fond du Lac, Marathon
Peach	<a href="#">Bacterial Canker</a>	<i>Pseudomonas syringae</i>	Racine
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Racine
Strawberry	Common Leaf Spot	<i>Mycosphaerella fragariae</i>	Dane
	<a href="#">Root/Crown Rot</a>	<i>Rhizoctonia</i> sp.	Dane

# Wisconsin Disease Almanac



<b>HERBACEOUS ORNAMENTALS</b>			
Geranium (Perennial)	<a href="#">Gray Mold/Botrytis Blight</a>	<a href="#">Botrytis cinerea</a>	Dane
Hosta	<a href="#">Foliar Nematode</a>	<a href="#">Aphelenchoides</a> sp.	McHenry (IL)
	Sunburn	None	Waukesha
Vervain	<a href="#">Powdery Mildew</a>	<a href="#">Oidium</a> sp.	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	<a href="#">Phyllosticta Needle Blight</a>	<a href="#">Phyllosticta</a> sp.	Dane
	<a href="#">Root Rot</a>	<a href="#">Phytophthora</a> sp., <a href="#">Pythium</a> sp.	Winnebago
Pine (Unspecified)	<a href="#">Diplodia Shoot Blight and Canker</a>	<a href="#">Diplodia</a> sp.	Outagamie
<b>SPECIALTY CROPS</b>			
Hop	<a href="#">Apple Mosaic</a>	<a href="#">Apple mosaic virus</a>	Dane
	<a href="#">Carlavirus</a>	Unidentified <a href="#">Carlavirus</a>	Dane
	<a href="#">Downy Mildew</a>	<a href="#">Pseudoperonospora humili</a>	Dane
	<a href="#">Verticillium Wilt</a>	<a href="#">Verticillium</a> sp.	Dane
<b>VEGETABLES</b>			
Cabbage	<a href="#">Bacterial Leaf Spot</a>	<a href="#">Pseudomonas syringae</a>	Green Lake
	<a href="#">Black Speck/Pepper Spot</a>	None	Green Lake
	<a href="#">Wire Stem</a>	<a href="#">Rhizoctonia</a> sp.	Kenosha
Okra	<a href="#">Verticillium Wilt</a>	<a href="#">Verticillium</a> sp.	Milwaukee
Pepper	<a href="#">Verticillium Wilt</a>	<a href="#">Verticillium</a> sp.	Adams
Pumpkin (Giant Atlantic)	<a href="#">Root Rot</a>	<a href="#">Pythium</a> sp.	St. Croix
Tomato	<a href="#">Late Blight</a>	<a href="#">Phytophthora infestans</a>	Eau Claire, Jefferson, Marinette, Portage, Sheboygan, Wood

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).